RJA 2/17/22
JS 2/22/22

Chemistry Report for Case # P-18-0272

General

Submitter: [redacted]

Contact: [redacted] **Contact Telephone No.:** [redacted]

TS No.: KP8PH5

Chemist: [redacted] **Contractor Support:** Y

PV Init (kg/yr): [redacted] **PV Max (kg/yr):** [redacted]

Binding Option: ☐ **Exposure-Based Review:** [redacted]

[redacted] **Import:** ☐

CAS Number: None

Chemical Name [redacted]

Trade Name: [redacted]

IES Order: [redacted]

Generic Name: Metal, alkylcarboxylate oxo complexes

Chemical Structure

Physical Chemical Properties

Molecular Formula:	**Molecular Weight:**
% < 500:	**% < 1000:**
MP:	**MP Estimate:**
BP:	**BP Pressure:**
BP Estimate:	
VP (Torr):	**VP Estimate (Torr):**<0.000001
Water Solubility (g/L):	**Water Soluble Estimate (g/L):**<0.000001 / Reacts slowly
Log P:	**Log P Estimate:**
Physical State — Neat:	**Physical State — Manuf**

Physical State — Processing: NA
Physical State — End Use: Solid:
[redacted]

Additional Chemical Info

Submitted
Properties for 95% PMN Material: [redacted] The measured vapor pressure is too low and the measured flash point is too high to be credible for this [redacted]. These values are probably due to impurities present in the PMN material.)
Estimated Properties: VP < 0.000001 torr (High MW); WS < 0.000001 g/L / Reacts ([redacted]).
[redacted]
Content = [redacted]
The PMN material may hydrolyze with a half-life of weeks to months to give [redacted]. The hydrolysis will be inhibited due to the low water solubility, but acidic/basic conditions may increase the rate of hydrolysis.

Uses

Consumer Use? No
Use: [redacted]
All of the analogs (same submitter) have the same use.
Other Uses: No other uses were found.

Reaction Description

[redacted]

Pollution Prevention Analysis(P2 Analysis:)

None

Analogs

Analogs:
[redacted]

Comments/Telephone Log

Artifact	Update/Upload Time
[redacted]	[redacted]